



2009

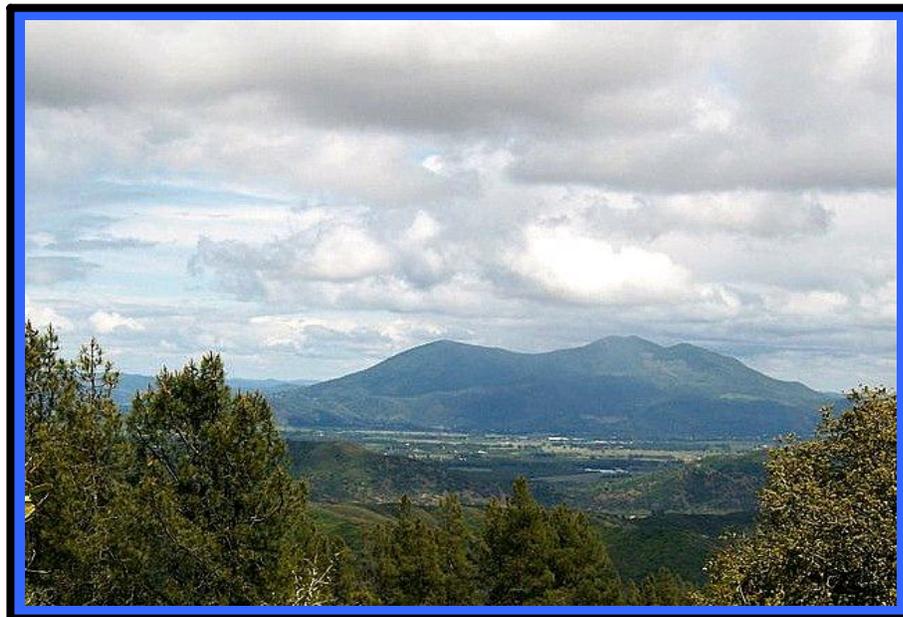
CROP REPORT

## FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (TONS)	YIELD (TONS / ACRE)	RETURNS \$ / TON <sup>1</sup>	GROSS VALUE <sup>1</sup>	BEARING ACRES
<b>WINE GRAPES</b>							
WHITES		2009	12,806	4.9	1,008 Avg	\$12,908,198	2,600
		2008	10,962	4.4	\$957	\$10,490,578	2,518
REDS		2009	18,817	3.6	\$1,357 Avg	\$25,542,222	5,115
		2008	17,011	3.1	\$1,395	\$23,736,377	5,486
<b>TOTAL ALL WINE GRAPES</b>		2009	<b>31,623</b>	<b>4.1</b>	<b>\$1,216 AVG</b>	<b>\$38,450,420</b>	<b>7,715</b>
		2008	27,973	3.5	\$1,224	\$34,226,955	8,004
<b>PEARS</b>							
BARTLETT <sup>2</sup> INCLUDING RED	FRESH	2009	17,219		\$640	\$11,020,160	
		2008	16,252		\$660	\$10,726,320	
	CANNERY	2009	14,786		\$239	\$3,533,854	
		2008	13,315		\$253	\$3,368,695	
	BABY FOOD	2009	<i>included in By-products</i>				
		2008	3,344		\$52	\$173,888	
	BY-PRODUCTS	2009* <sup>4</sup>	4,468		\$75	\$335,100	
		2008	2,542		\$37	\$94,054	
<b>TOTAL BARTLETT</b>		2009	<b>36,473</b>	17.55	408 avg	<b>\$14,889,114</b>	<b>2,078</b>
		2008	35,453	17.06	405 avg	\$14,362,957	2,078
WINTER <sup>2</sup> & ASIAN (INCLUDES BOSCO, COMICE, SECKEL)	FRESH	2009	1,929.99		\$796	\$1,536,272	
		2008	697		\$844	\$588,268	
	BY-PRODUCTS	2009	816.81		\$27	\$22,054	
		2008	88		\$44	\$3,872	
<b>TOTAL WINTER &amp; ASIAN</b>		2009	<b>2,746.80</b>	31.57	567 avg	<b>\$1,558,326</b>	<b>87</b>
		2008	785	9.02	754 avg	\$592,140	87
RED PEARS <sup>2</sup> OTHER THAN BARTLETT (STARKRIMSON)	FRESH	2009	597.35		\$661	\$394,848	
		2008	483		\$1,120	\$540,960	
	BY-PRODUCTS	2009	204.13		\$24	\$4,899	
		2008	138		\$92	\$12,696	
<b>TOTAL REDS</b>		2009	<b>801.48</b>	18.64	499 avg	<b>\$399,747</b>	<b>43</b>
		2008	621	14.44	892 avg	\$553,656	43
<b>TOTAL ALL PEARS</b>		2009	<b>40,021</b>	18.13		<b>\$16,847,187</b>	<b>2,208</b>
		2008	36,859	16.69		\$15,508,753	2,208
<b>WALNUTS</b>							
IRRIGATED WALNUTS		2009	785	0.6	\$1,820	\$1,428,700	858
		2008	381	0.4	\$1,950	\$742,950	952
NON-IRRIGATED WALNUTS		2009	523	0.4	\$1,820	\$951,860	1,742
		2008	259	0.18	\$1,950	\$505,050	1,698
<b>TOTAL ALL WALNUTS</b>		2009	<b>1,308</b>	<b>0.5</b>	<b>\$1,820</b>	<b>\$2,380,560</b>	<b>2,600</b>
		2008	640	0.28	\$1,950	\$1,248,000	2,650
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS <sup>3</sup>		2009				\$55,870	71
		2008				\$78,509	35
<b>TOTAL ALL FRUIT AND NUTS</b>		2009				<b>\$57,734,037</b>	<b>12,594</b>
		2008				\$51,062,217	12,897
<sup>1</sup> THIS IS GROSS VALUE AND DOES NOT REPRESENT NET RETURN TO THE PRODUCER.							
<sup>2</sup> THIS IS THE FOB PRICE WHICH INCLUDES PROCESSING AND PACKING COSTS.							
<sup>3</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, AND OLIVES							
<sup>4</sup> Baby food was added into By-products in 2009, not a separate item							

FRUIT AND NUT ACREAGE					
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL	
PEARS	BARTLETT	2,078	10	2,088	
	WINTER & ASIAN	87	0	87	
	REDS	43	0	43	
	<b>TOTAL</b>	<b>2,208</b>	<b>10</b>	<b>2,218</b>	
WINE GRAPES	WHITES	2,600	295	2895	
	REDS	5,115	202	5317	
	<b>TOTAL</b>	<b>7,715</b>	<b>497</b>	<b>8,212</b>	
WALNUTS		2,600	150	<b>2,750</b>	
MISCELLANEOUS <sup>1</sup>		71	25	<b>96</b>	
<b>TOTAL</b>		<b>12,594</b>	<b>909</b>	<b>13,276</b>	

<sup>1</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, DRIED FRUITS, OLIVES. ETC.



Mt. Konocti and the Big Valley Area

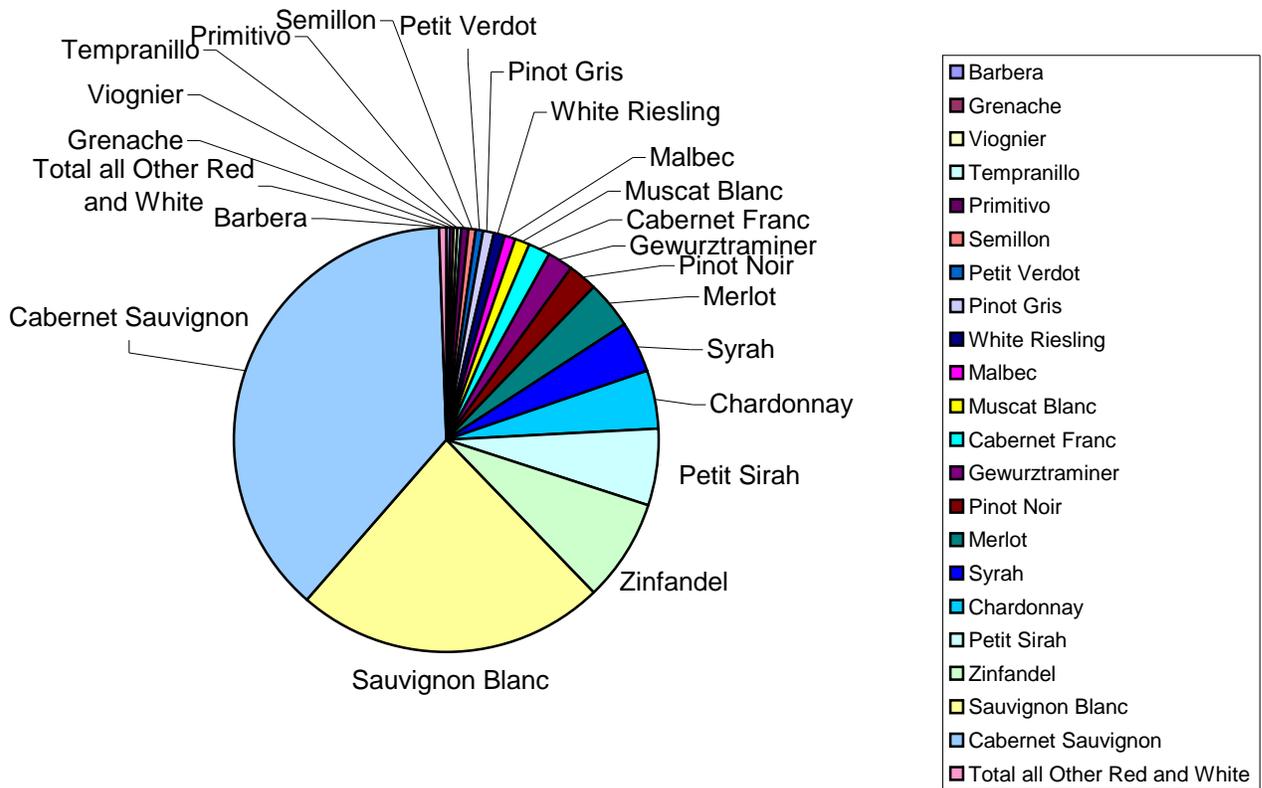
NURSERY PRODUCTION				
YEAR	GREENHOUSE SQ. FEET	FIELD ACRES	VALUE	
2009	76,350	73.5	\$ 3,533,133	
2008	77,750	60	\$ 5,774,193	



## TOP WINE VARIETIES BY VALUE

Variety	Production (Tons)	Returns / Ton	Gross Value
Barbera	54.2	\$1,212.45	\$65,714.79
Grenache	79.4	\$1,328.53	\$105,485.28
Viognier	126.9	\$1,038.73	\$131,814.84
Tempranillo	97.3	\$1,644.39	\$159,999.15
Primitivo	73.3	\$2,245.66	\$164,606.88
Semillon	181.1	\$1,305.28	\$236,386.21
Petit Verdot	152.5	\$1,592.13	\$242,799.83
Pinot Gris	292.2	\$1,000.00	\$292,200.00
White Riesling	242.7	\$1,236.98	\$300,215.05
Malbec	193.7	\$1,763.72	\$341,632.56
Muscat Blanc	338.5	\$1,273.25	\$430,995.13
Cabernet Franc	438.3	\$1,533.85	\$672,286.46
Gewurztraminer	446	\$1,550.00	\$691,300.00
Pinot Noir	297.3	\$2,899.89	\$862,137.30
Merlot	1384.5	\$1,012.38	\$1,401,640.11
Syrah	1451.4	\$1,021.19	\$1,482,155.17
Chardonnay	1531.1	\$1,139.94	\$1,745,362.10
Petit Sirah	1522.7	\$1,464.21	\$2,229,552.57
Zinfandel	2496.1	\$1,197.27	\$2,988,505.65
Sauvignon Blanc	9575.1	\$942.56	\$9,025,106.26
Cabernet Sauvignon	10,523.90	\$1,398.11	\$14,713,569.00
Total all Other Red and White	105.7	\$13,518.20	\$166,956.19
<b>Totals</b>	<b>31,603.90</b>	<b>AVG \$1,969.03</b>	<b>\$38,450,420</b>

### Variety by Value



## VEGETABLE CROPS

COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES <sup>1</sup>	2009	35	\$193,288
	2008	35	\$219,767
<small><sup>1</sup> INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.</small>			



## ORGANIC <sup>1</sup> FARMING STATISTICS

CROPS	NUMBER OF FARMS	ACRES	VALUE
WALNUTS	62	1,746	
WINE GRAPES	14	336	
MISCELLANEOUS VEGETABLES	13	28	
NURSERY	2	1	
PEARS	4	82	
MISCELLANEOUS FRUIT	6	4	
FIELD, SEED AND PASTURE	2	12	
<b>TOTAL</b>	<b>103</b>	<b>2,209</b>	<b>\$2,912,266</b>
<small><sup>1</sup> REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER</small>			



<b>FIELD AND SEED CROPS</b>					
<b>COMMODITY</b>	<b>YEAR</b>	<b>ACREAGE</b>	<b>UNIT</b>	<b>\$ / UNIT</b>	<b>VALUE</b>
IRRIGATED PASTURE	<b>2009</b>	<b>800</b>	<b>ACRE</b>	<b>\$ 100.00</b>	<b>\$80,000</b>
	2008	800	ACRE	\$ 100.00	\$80,000
RANGE	<b>2009</b>	<b>90,000</b>	<b>ACRE</b>	<b>\$ 4.50</b>	<b>\$405,000</b>
	2008	90,000	ACRE	\$ 5.00	\$450,000
MISCELLANEOUS <sup>1</sup>	<b>2009</b>	<b>3172</b>	<b>ACRE</b>	<b>\$ 358.00</b>	<b>\$1,135,576</b>
	2008	2,800	ACRE	\$ 519.00	\$1,453,200
<sup>1</sup> INCLUDES WILD RICE, OAT HAY, ALFALFA, GRASS HAY					
TOTAL	<b>2009</b>	<b>93,972</b>	<b>ACRE</b>		<b>\$1,620,576</b>
	2008	93,600	ACRE		\$1,984,500



OLD PHOTOS OF LAKE COUNTY

Date From 1938 -1960's



Weed Control Unknown Date



Steaming Pear Trees for Codling Moth 1938?



Aerial Spraying



Clear Lake



Kelseyville Pear Orchards, 1960's?



Big Valley, Kelseyville Area 1960?



Ag. Dept. Weed Control, 1960's

## LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	<b>2009</b>	<b>2,797</b>	<b>22,376</b>	<b>\$ 84.68</b>	<b>\$1,894,800</b>
	2008	2,747	21,976	\$ 84.62	\$1,859,600
MISCELLANEOUS <sup>2</sup>	<b>2009</b>				<b>\$35,856</b>
	2008				\$35,800
TOTALS	<b>2009</b>				<b>\$1,971,212</b>
	2008				\$1,895,400
<sup>1</sup> CWT = 100 LBS					
<sup>2</sup> INCLUDES GOATS, SHEEP, HOGS, RABBITS AND MEAT CHICKENS.					

## LIVESTOCK AND POULTRY PRODUCTS

	YEAR		VALUE
MISCELLANEOUS <sup>1</sup>	<b>2009</b>		<b>\$101,715</b>
	<b>2008</b>		<b>\$250,739</b>

<sup>1</sup> Includes Eggs, Cheese, Wool and Manure

## TIMBER HARVEST <sup>1</sup>

ITEM	YEAR	MBF <sup>2</sup>	VALUE <sup>3</sup>
Timber Yield	<b>2009</b>	<b>0</b>	<b>0</b>
	<b>2008</b>	<b>0</b>	<b>0</b>
<sup>1</sup> Values furnished by the California State Board of Equalization			
<sup>2</sup> Quantity of timber cut and scaled (Thousand Board Feet)			
<sup>3</sup> Value of timber immediately before cutting			

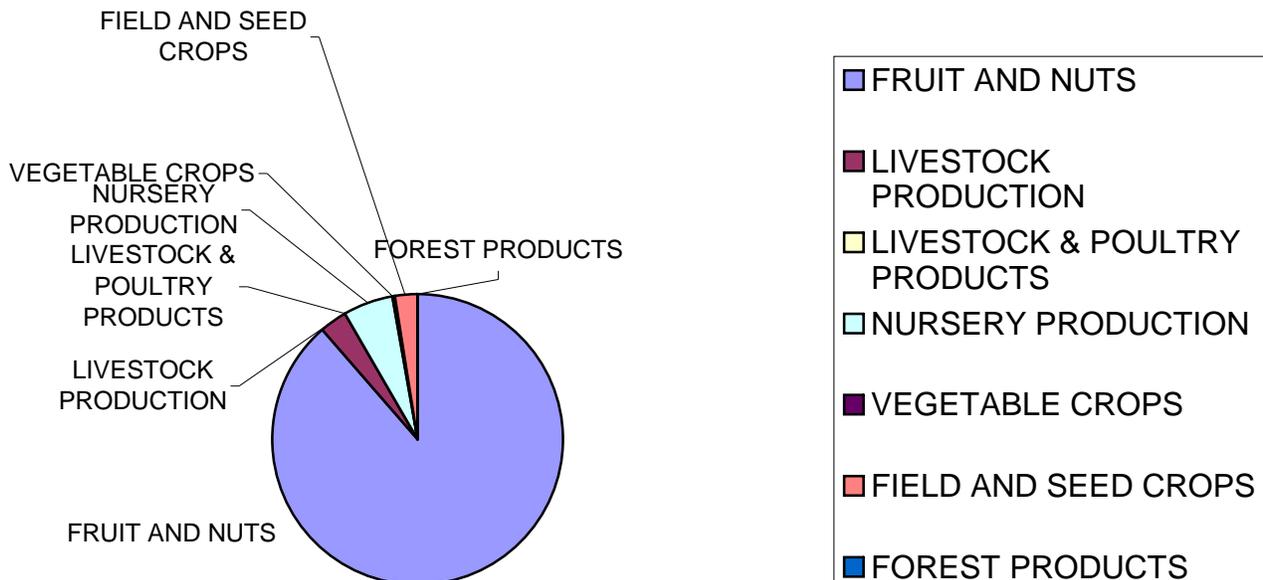


## SUMMARY OF PRODUCTION

COMMODITY	YEAR	VALUE
FRUIT AND NUTS	<b>2009</b>	<b>\$57,734,037</b>
	2008	\$51,062,217
LIVESTOCK PRODUCTION	<b>2009</b>	<b>\$1,971,212</b>
	2008	\$1,895,400
LIVESTOCK & POULTRY PRODUCTS	<b>2009</b>	<b>\$101,715</b>
	2008	\$250,739
NURSERY PRODUCTION	<b>2009</b>	<b>\$3,533,133</b>
	2008	\$5,774,193
VEGETABLE CROPS	<b>2009</b>	<b>\$193,288</b>
	2008	\$219,767
FIELD AND SEED CROPS	<b>2009</b>	<b>\$1,620,576</b>
	2008	\$1,984,500
FOREST PRODUCTS	<b>2009</b>	<b>\$0</b>
	2008	\$0
<b>GRAND TOTAL</b>	<b>2009</b>	<b>\$65,153,961</b>
	2008	\$61,186,816

Fruit and Nuts: Includes Grapes, Pears, Walnuts and Miscellaneous Fruit and Nuts

### Summary of Production



# SUSTAINABLE AGRICULTURE REPORT

## BIOLOGICAL CONTROL

BIOLOGICAL CONTROL IS THE DELIBERATE USE OF NATURAL ENEMIES TO SUPPRESS OR MANAGE PEST POPULATIONS AT ACCEPTABLE LEVELS.

PEST	AGENT / MECHANISM	SCOPE OF PROGRAM
BULL THISTLE	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
ITALIAN THISTLE	SEED HEAD WEEVIL	GENERALLY DISTRIBUTED
KLAMATH WEED	KLAMATH WEED BEETLE	WIDELY DISTRIBUTED
YELLOW STAR THISTLE	SEED HEAD WEEVIL	WIDELY DISTRIBUTED
	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
	FLOWER WEEVIL	1 SITE
	HAIRY WEEVIL	BECOMING GENERALLY DISTRIBUTED
	PEACOCK FLY	GENERALLY DISTRIBUTED
RED GUM LERP PSYLLID	WASP ( <i>Psyllaephagus bliteus</i> )	1 SITE, WELL ESTABLISHED
PUNCTURE VINE	STEM BORING WEEVIL	GENERALLY DISTRIBUTED

## PEST ERADICATION

THE FOLLOWING PESTS WERE UNDER ACTIVE CONTROL AND ERADICATION DURING THE YEAR: DALMATIAN TOADFLAX, SCOTCH THISTLE, PLUMELESS THISTLE, ARTICHOKE THISTLE, PURPLE STAR THISTLE, OBLONG SPURGE, CANADA THISTLE, HYDRILLA\*, SKELETON WEED

(Hydrilla is a CDFA program supported by the Lake County Agriculture Department.)

## PEST EXCLUSION

PEST EXCLUSION INSPECTIONS ARE CONDUCTED DAILY

PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
2,252	683	0

## PEST DETECTION

### VINE MEALY BUG

TRAPS DEPLOYED	PROGRAM HOURS
130	178.5

### EXOTIC INSECT PESTS <sup>1</sup>

URBAN TRAPS	PROGRAM HOURS
294	991

<sup>1</sup> INCLUDES TRAPS FOR MEDITERRANEAN FRUIT FLY, ORIENTAL FRUIT FLY, MELON FLY, GYPSY MOTH, AND JAPANESE BEETLE

### GLASSY-WINGED SHARPSHOOTER TRAPPING

URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
103	24	613.5

### GLASSY-WINGED SHARPSHOOTER NURSERY SHIPMENT INSPECTIONS

NUMBER OF INSPECTIONS	PROGRAM HOURS
70	161

### LIGHT BROWN APPLE MOTH

TRAPS DEPLOYED	NURSERY TRAPS	PROGRAM HOURS
103	20	187.5

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